

## Physics FSC Part 2 Chapter 20 Online MCQ's Test

Sr	Questions	Answers Choice
1	1 rad =	A. 0.001Gy B. 0.01Gy C. 0.1Gy D. 1.01Gy
2	Boher proposed his atomic model in:	A. 1910 B. 1911 C. 1912 D. 1913
3	Charge on an atom is:	A. Positive B. Negative C. Neutral D. None of these
4	Electron volt is unit of:	A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy
5	Charge on positron is:	A. Negative; B. Positive C. Netural D. None of these
6	$\text{A}^\circ$ is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
7	Energy produced due to fission of uranium atom is:	A. 500MeV B. 200MeV C. 700MeV D. 750MEV
8	The temperature of core of nuclear reactor is:	A. 1100°C B. 1200°C C. 1300°C D. 1400°C
9	The typical nuclei are less than:	A. $10^{16}$ m B. $10^{14}$ m C. $10^{12}$ m D. $10^{10}$ m
10	The velocity of electron moving is 1st orbit of hydrogen atom is:	A. $2.09 \times 10^6 \text{ ms}^{-1}$ B. $2.18 \times 10^6 \text{ ms}^{-1}$ C. $2.19 \times 10^6 \text{ ms}^{-1}$ D. $3.18 \times 10^6 \text{ ms}^{-1}$
11	The radius of hydrogen atom is:	A. $0.53\text{A}^\circ$ B. $0.053\text{A}^\circ$ C. $0.53 \times 10^{-9}\text{m}$ D. $0.053 \times 10^{-9}\text{m}$
12	The series in infrared region is:	A. Paschen series B. Bracket series C. Pfund series D. All of above
13	The series in visible region is:	A. Balmer series B. Pfund series C. Paschen series D. None of above
14	The value of Rydberg constant is:	A. $1.0749 \times 10^7 \text{ m}^{-1}$ B. $1.0974 \times 10^7 \text{ m}^{-1}$ C. $1.974 \times 10^6 \text{ m}^{-1}$

- 15 The first spectral lines were discovered in 1885, were  
A. Paschen series  
B. Balmer series  
C. Pfund series  
D. Brackett series
- 16 Black Body radiation spectrum is an example of:  
A. Atomic spectra  
B. Line spectra  
C. Continuous spectra  
D. None of above
- 17 The idea of laser device was first introduced by C.H. Townes and Authers Schowlan is  
A. 1972  
B. 1965  
C. 1958  
D. 1913
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